

PTFE // E NPC & H-RE NPC

PTFE insulated cores, based on: NEMA HP-3
Intended for use as internal wiring of equipment

600/1000V AC U₀/U

-65°C to +260°C

Description	Conductor					Finished Core					Article Number
E NPC = extruded & H-RE NPC = wrapped	Size		Nickel Plated Copper (NPC)			PTFE			Weight	Amps	
			Stranding	DC resistance	Wire	Core	Tolerance				
	AWG	mm²			Ω/km	Nom Ø	Nom Ø	Min Ø	Max Ø	Nom g/m	
E 3201 NPC	32	0.03	1 x 0.203	580.7	0.20	0.74	0.64	0.84	1.1	5	412 / 212cc3201
E 3207 NPC		0.04	7 x 0.079	610.2	0.24	0.76	0.66	0.86	1.2		412 / 212cc3207
E 3219 NPC		0.04	19 x 0.051	587.2	0.25	0.76	0.66	0.86	1.3		412 / 212cc3219
E 3001 NPC	30	0.05	1 x 0.254	360.8	0.25	0.76	0.66	0.86	1.3	6	412 / 212cc3001
E 3007 NPC		0.06	7 x 0.102	360.8	0.30	0.81	0.71	0.91	1.5		412 / 212cc3007
E 3019 NPC		0.06	19 x 0.064	367.4	0.32	0.81	0.71	0.91	1.5		412 / 212cc3019
E 2801 NPC	28	0.08	1 x 0.320	227.6	0.32	0.84	0.74	0.94	1.7	8	412 / 212cc2801
E 2807 NPC		0.09	7 x 0.127	221.7	0.38	0.89	0.79	0.99	2.0		412 / 212cc2807
E 2819 NPC		0.09	19 x 0.079	227.3	0.39	0.89	0.79	0.99	2.0		412 / 212cc2819
E 2601 NPC	26	0.13	1 x 0.404	143.0	0.40	0.91	0.81	1.01	2.3	11	412 / 212cc2601
E 2607 NPC		0.14	7 x 0.160	138.4	0.48	0.99	0.89	1.09	2.7		412 / 212cc2607
E 2619 NPC		0.16	19 x 0.102	134.5	0.48	1.00	0.90	1.10	2.8		412 / 212cc2619
E 2401 NPC	24	0.20	1 x 0.511	89.56	0.51	1.02	0.92	1.12	3.1	15	412 / 212cc2401
E 2407 NPC		0.22	7 x 0.203	85.30	0.60	1.12	1.02	1.22	3.7		412 / 212cc2407
E 2419 NPC		0.24	19 x 0.127	82.67	0.60	1.13	1.03	1.23	3.9		412 / 212cc2419
E 2201 NPC	22	0.32	1 x 0.643	56.43	0.64	1.15	1.05	1.25	4.4	19	412 / 212cc2201
E 2207 NPC		0.36	7 x 0.254	53.15	0.76	1.27	1.17	1.37	5.2		412 / 212cc2207
E 2219 NPC		0.38	19 x 0.160	51.50	0.76	1.30	1.20	1.40	5.5		412 / 212cc2219
E 2001 NPC	20	0.52	1 x 0.813	35.43	0.81	1.32	1.22	1.42	6.5	26	412 / 212cc2001
E 2007 NPC		0.56	7 x 0.320	33.46	0.96	1.47	1.37	1.57	7.5		412 / 212cc2007
E 2019 NPC		0.60	19 x 0.203	31.75	0.96	1.47	1.37	1.57	8.1		412 / 212cc2019
E 1801 NPC	18	0.82	1 x 1.024	22.27	1.02	1.54	1.44	1.64	9.6	34	412 / 212cc1801
E 1807 NPC		0.88	7 x 0.404	21.06	1.21	1.75	1.65	1.85	12		412 / 212cc1807
E 1819 NPC		0.96	19 x 0.254	19.78	1.20	1.75	1.65	1.85	12		412 / 212cc1819
E 1601 NPC	16	1.30	1 x 1.287	14.00	1.29	1.87	1.77	1.97	15	45	412 / 212cc1601
E 1619 NPC		1.23	19 x 0.287	15.51	1.36	2.03	1.93	2.13	16		412 / 212cc1619
E 1419 NPC	14	1.87	19 x 0.361	9.810	1.70	2.42	2.32	2.52	23	59	412 / 212cc1419
E 1219 NPC	12	3.02	19 x 0.455	6.168	2.14	2.90	2.80	3.00	34	79	412 / 212cc1219
H-RE 1237 NPC		2.97	37 x 0.320	6.468	2.17	2.85	2.67	3.02	41		212cc1237
H-RE 1037 NPC	10	3.64	37 x 0.404	4.068	2.80	3.40	3.30	3.50	52	106	212cc1037

Available in extruded 'E NPC' and tape-wrapped 'H-RE NPC' variants: Change the first digit of the article number to select: 412 = extruded 212 = tape-wrapped.
Sizes 12 AWG, 37 strands and above shall be tape-wrapped only.

Identification

Colours - replace 'cc' in the article number with 2 digits below											
00	11	22	33	44	55	66	77	88	99	29	89
Black	Brown	Red	Orange	Yellow	Green	Blue	Violet	Grey	White	Pink	Clear

Characteristics & key properties

	RoHS 2011/65/EU	REACH EC No. 1907/2006	LVD 2014/35/EU	Flame retardant	Low smoke generation	Current rating in free air to IEC 60287	back to Single wires
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Data indicates nominal values in millimetres (mm) unless otherwise stated.

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